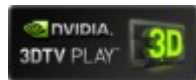


## ION 3D Series



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- Intel® Atom™ D525 Dual Core Processor
- Mobile Intel® ICH8M chipset
- 2GB DDR2 800MHz
- NVIDIA® GT218-ION Graphics, NVIDIA® 3DTV Play Capable
- 7.1 CH HD Audio with DTS



Note: Below specifications may differ from areas and change without notice. Please check the specific specifications with your local dealers.

## Awards



10/28/2010 [KitGuru - Must Have](#)

The ASRock ION 3D looks great and consumes less power. An exceptional product and a great media choice for a living or bedroom environment. ASRock ION 3D received "MUST HAVE Award" from KitGuru.

## Product Introduction

Home Theater PC

# ION 3D SERIES



## dts

Supporting industry's leading audio solution of the DTS Connect, ASRock ION 3D brings the cinema quality sound for your HTPC. With more personal computers being used as home media centers, DTS Connect is the perfect solution to enhance your entertainment experience by using your home theater's Audio/Video receiver. To deliver the best quality sound for users, ASRock ION 3D supports 7.1 CH HD Audio with DTS Connect technology, it will surely be your perfect choice for a professional HTPC.



## HDMI<sup>®</sup> HDMI 1.4a

HIGH-DEFINITION MULTIMEDIA INTERFACE

Keeping you in tune with life, the ASRock ION 3D allows users to enjoy the next dimension in HTPC entertainment. ASRock ION 3D is equipped with HDMI 1.4a output which supports 3D formats for movie and game.

## USB3.0

Supporting data transfer rate up to 5Gb/s and 10X faster than USB2.0 with optimized power efficiency. USB3.0 promises a major leap forward transfer speed and capacity.



### ASRock AIWI

Turn Your iPhone Into Game Joystick

Wanna play PC games like Wii? ASRock AIWI software makes your dreams come true! Using ASRock AIWI to connect your apple devices to the ASRock HTPC via WLAN, then you can interact with PC games with delicate touches and body motion while getting responsive shakes and vibrations that correspond to the game stores.



### ASRock App Charger

Fast Charge & Charge Anytime

Simply installing the App Charger driver, it makes your iPhone charge up to 40% faster than before. ASRock App Charger supports continuous charging when your PC enters Standby mode (S1), Suspend to RAM (S3), hibernation mode (S4) or power off (S5). The App Charger technology has been fully applied on ASRock Full series motherboards.



### High speed 1T2R WiFi 802.11n

ASRock ION 3D series mini HTPC is equipped with two invisible antennas (placed in a vertical/horizontal position) hidden inside the front panel, which provide larger signal coverage and faster connection speed. With



the unrestricted-direction antennas design, the HTPC can be used as the wireless network receiver, as well as the network bandwidth sharing device. ASRock ION 3D series support 802.11n wireless network which provide better signal coverage and faster speed than ordinary network sharing devices.

### Mini Size and Silent Operation

Mini size. Ultra silence. ASRock ION 3D has a volume of 2.5 liters only, which enables you to put inside the TV cabinet and connect it with LCD TV. Running a silent operation which is merely 24.1dB, ION 3D HTPC series ensure you an ultra silent computing environment as well.



### LOW Power Consumption

ASRock ION 3D series is an eco-friendly HTPC that reduces electricity cost through the unique power-saving components. Compared with desktop computer, ASRock ION 3D produces lower power consumption (merely 27W) and saves more power as well as electricity cost.

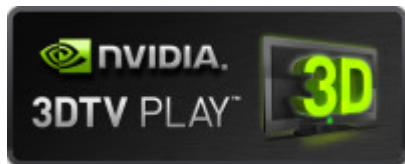
### Ultra Durable

By using of 100% Japan-made high-quality conductive polymer capacitors which can extend the system life to at least 2.5 longer, ASRock ION 3D HTPC series provide the stability, reliability and longevity essential to meet the power, processor, and other components needs for running today's most demanding applications and games.



## Features

NVIDIA® 3DTV Play



NVIDIA® 3DTV Play allows you to leverage the 3D processing power of your GeForce GPU to create an immersive 3D experience in your own home. Convert over 475 of the most popular PC games into immersive 3D environments. And photos never looked so real. Bring home the 3D theatre experience and surround yourself in the latest Blu-ray 3D movies. Relive the moments captured in your 3D photos as you browse them on your HDMI 1.4a 3D TV or view them as a slideshow.

### 3D Movie / Photo



ASRock ION 3D HTPC Series deliver the terrific viewing experience. It has a powerful build-in Next-Generation ION graphics which supports 3D display, allowing user to enjoy a vivid 3D entertainment experience! With its amazing 3D display capability, you are able to experience the highest quality movie like never before!

### Low-power Intel® Atom™ D525 Dual Core CPU



Intel® Atom™ D525 CPU processor-based ION 3D HTPC series offer both an easy-to-use mobile device with simple interfaces and targeted performance for a good energy saving experience.

### Next-generation NVIDIA® ION™ Graphics Architecture



ASRock ION 3D Series support next-generation NVIDIA® ION™ graphics technology which is well-known for its outstanding graphics performance. ASRock ION 3D Series enable you to immerse in a qualified movie and video phenomenon.

### SuperSpeed USB3.0 HTPC System



ASRock ION 3D HTPC series come with 2 x USB3.0 ports which deliver data transfer rates up to 10X faster than USB2.0 with the optimized power efficiency. USB3.0 promises a major leap forward in transfer speeds and capacity.

### Native Full HD 1080p playback



Supporting Full HD 1080p playback, ASRock HTPC series give you "better than cinema" quality and the ultimate movie experience in the comfort of your own home!

### dts



Get the Cinema-Style Sound from your PC! With DTS, ASRock ION 3D series let you enjoy a better way of experiencing music, movies and games. It delivers the advanced and excellent audio quality, enables you to hear every detail in riveting surround sound.

### 1T2R 802.11n Wireless Networking



Supporting two-way transmission direction, WiFi 802.11n provides a wider bandwidth to cover longer distance coverage.

\* ION 3D 152D / ION 3D 152B only.

### MCE Remote Controller



ASRock MCE Remote Controller is exclusively able to power on the system at the first time of the plug-in of AC power. It prides itself on delivering a fast, intuitive, convenient and rich media experience for the multimedia entertainments.

\* ION 3D 152D / ION 3D 152B only.

### BD (Blu-ray Disc) Combo



BD Combo which not only supports Blu-ray disc, but also capable of burning and reading DVD and CD. It definitely brings you the efficient, stable data transfer, the dazzling audio and visual experience.

\* ION 3D 152B only.

#### HDMI 1.4a



ASRock ION 3D HTPC series support onboard HDMI 1.4a output which support 3D formats for broadcast and movie content.

#### Dual Link DVI



With Dual Link DVI support, ASRock ION 3D HTPC Series support Blu-ray 3D Playback for your fantastic 3D experience. Supporting 120 Hz monitor with max. resolution up to 1920x1080(16:9) and 1920x1200(16:10); 60 Hz monitor with max. resolution up to 2560x1600.

#### ASRock App Charger



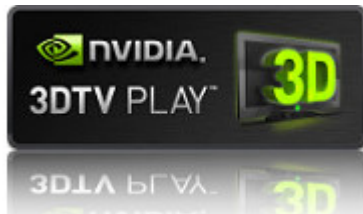


ASRock App Charger allows you to quickly charge your iPhone and even supports continuous charging even your PC is shutting down.

**ASRock AIWI - Turn Your iPhone Into Game Joystick**



Using AIWI to connect your apple devices to ASRock HTPC system, and you can interact with the PC games with delicate touches and body motion while getting responsive shakes and vibrations that correspond from game stores.



## Product Specifications

ION 3D 152B	
<b>CPU</b>	- Intel® Atom™ D525 Dual Core Processor
<b>OS</b>	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant *Due to VGA driver limitation, 3D function only supports Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit.
<b>Chipset</b>	- Mobile Intel® ICH8M chipset
<b>Memory</b>	- 1x 2GB DDR2 800MHz - Support DDR2 800MHz, 2 x SO-DIMM slots, Max. up to 4GB* *Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.
<b>VGA</b>	- NVIDIA® GT218-ION Graphics, NVIDIA® 3DTV Play Capable
<b>HDD</b>	- 320GB, 5400 rpm - Support 2.5" SATA HDD
<b>ODD</b>	- BD Combo
<b>Front I/O</b>	- 2 x USB 3.0 - 1 x MIC - 1 x Headphone
<b>Rear I/O</b>	- 1 x HDMI - 1 x DVI-D (Dual-Link) - 6 x USB 2.0 - 1 x S/PDIF - 1 x D-Sub
<b>LAN</b>	- Gigabit LAN
<b>Sound</b>	- 7.1 CH HD Audio with DTS
<b>WiFi</b>	- 1T2R 802.11b/g/n
<b>Remote Controller</b>	- MCE Remote Controller
<b>Power Unit</b>	- 65W/19V Adapter
<b>Dimension</b>	- 195mm(W) x 70mm(H) x 186mm(L)
<b>Volume (liters)</b>	- 2.5L

**ION 3D 152D**

<b>CPU</b>	- Intel® Atom™ D525 Dual Core Processor
<b>OS</b>	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant *Due to VGA driver limitation, 3D function only supports Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit.
<b>Chipset</b>	- Mobile Intel® ICH8M chipset
<b>Memory</b>	- 1x 2GB DDR2 800MHz - Support DDR2 800MHz, 2 x SO-DIMM slots, Max. up to 4GB* *Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.
<b>VGA</b>	- NVIDIA® GT218-ION Graphics, NVIDIA® 3DTV Play Capable
<b>HDD</b>	- 320GB, 5400 rpm - Support 2.5" SATA HDD
<b>ODD</b>	- DVD Super Multi
<b>Front I/O</b>	- 2 x USB 3.0 - 1 x MIC - 1 x Headphone
<b>Rear I/O</b>	- 1 x HDMI - 1 x DVI-D (Dual-Link) - 6 x USB 2.0 - 1 x S/PDIF - 1 x D-Sub
<b>LAN</b>	- Gigabit LAN
<b>Sound</b>	- 7.1 CH HD Audio with DTS
<b>WiFi</b>	- 1T2R 802.11b/g/n
<b>Remote Controller</b>	- MCE Remote Controller
<b>Power Unit</b>	- 65W/19V Adapter
<b>Dimension</b>	- 195mm(W) x 70mm(H) x 186mm(L)
<b>Volume (liters)</b>	- 2.5L
<b>Software</b>	- NVIDIA® 3D TV Play software

**ION 3D 152DL**

<b>CPU</b>	- Intel® Atom™ D525 Dual Core Processor
<b>OS</b>	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant *Due to VGA driver limitation, 3D function only supports Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit.
<b>Chipset</b>	- Mobile Intel® ICH8M chipset
<b>Memory</b>	- 1x 2GB DDR2 800MHz - Support DDR2 800MHz, 2 x SO-DIMM slots, Max. up to 4GB* *Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.
<b>VGA</b>	- NVIDIA® GT218-ION Graphics, NVIDIA® 3DTV Play Capable
<b>HDD</b>	- 320GB, 5400 rpm - Support 2.5" SATA HDD
<b>ODD</b>	- DVD Super Multi
<b>Front I/O</b>	- 2 x USB 3.0 - 1 x MIC - 1 x Headphone
<b>Rear I/O</b>	- 1 x HDMI - 1 x DVI-D (Dual-Link) - 6 x USB 2.0 - 1 x S/PDIF - 1 x D-Sub
<b>LAN</b>	- Gigabit LAN
<b>Sound</b>	- 7.1 CH HD Audio with DTS
<b>WiFi</b>	- n/a
<b>Remote Controller</b>	- n/a
<b>Power Unit</b>	- 65W/19V Adapter
<b>Dimension</b>	- 195mm(W) x 70mm(H) x 186mm(L)
<b>Volume (liters)</b>	- 2.5L
<b>Software</b>	- NVIDIA® 3D TV Play software



- ① 2 x USB3.0 ports
- ② Microphone
- ③ Head Phone
- ④ Power ON/OFF button



- ⑤ DC-In jack
- ⑥ Optical S/PDIF Out port
- ⑦ Audio Jack x5
- ⑧ LAN (RJ-45) port: Local Area Network
- ⑨ 6 x USB2.0 ports
- ⑩ HDMI connector
- ⑪ D-Sub Connector
- ⑫ DVI-D connector

## Accessories



## Software Suite

### ASRock Software Suite

ASRock Software suite, offers a string of user-friendly software, ensures you will have the rich operating experience.



shakes and vibrations that correspond



### ASRock AIWI

Turn Your iPhone Into Game Joystick

Wanna play PC games like Wii? ASRock AIWI software makes your dreams come true! Using ASRock AIWI to connect your apple devices to the ASRock HTPC via WLAN, then you can interact with the PC games with delicate touches and body motion while getting responsive from the game stores.

### NVIDIA® 3DTV Play

NVIDIA® 3DTV Play allows you to leverage the 3D processing power of your GeForce GPU to create an immersive 3D experience in your own home. Convert over 475 of the most popular PC games into immersive 3D environments. And photos never looked so real. Bring home the 3D theatre experience and surround yourself in the latest Blu-ray 3D movies. Relive the moments captured in your 3D photos as you browse them on your HDMI 1.4a 3D TV or view them as a slideshow.



**CyberLink Power2Go 6.1 LE** - backup videos, photos, music and

**CyberLink MediaShow 4.1 SE** - features such as one-click fixes, face

**CyberLink PowerDVD 8.0 DTS** - your PC.

**CyberLink PowerDirector 8.0** - enhancement and editing tools, enables you to edit high-definition videos including AVCHD, and allows output to PSP iPod and Blu-ray Disc.

**CyberLink PowerBackup 2.5 - Trial**, provides the safest way to protect your valuable data. With this, you will no need to worry about the data damage or loss anymore.



### CyberLink DVD Suite - OEM & Trial

**OEM**, is the All-Media Disc Burning software which offers a hassle-free approach to burn, data onto Blu-ray Discs and DVDs.

**OEM**, is a fast and easy way to preserve and share your life's best moments. It has a string of tagging.. etc and provides a convenient way for organizing and sharing your photos and videos.

**Trial**, world-renowned PowerDVD 8 DTS delivers outstanding DVD movie playback quality on

**Trial**, is a powerful video editing tool with unlimited possibilities. It offers more, video

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